REMARKS

Claims 22-29 are currently pending. Applicants have amended claims 22-29 to correct typographical errors that gave rise to Examiner's s.112 rejections. Applicants have also included a terminal disclaimer for the present application with respect to U.S. Pat. Nos. 5,916,426 and 6,355,709 to overcome Examiner's double patenting rejections. Reconsideration of the claims as amended is requested.

Fee Authorization

Should any extension of time and/or fee be necessary for timely submission of this paper, such extension of time is hereby requested, and the Commissioner is hereby authorized to charge **Deposit Account No. 01-2213 (Order No. 4221)**. Any deficiency or overpayment should be charged or credited to this deposit account.

Date: July 23, 2004

Phil N. Wakrogiannis

Respectfully submitted,

Reg. No. 47,766

Attorney for Applicants

CORRESPONDENCE ADDRESS

Customer Number: 22896 APPLERA CORPORATION Applied Biosystems Group Patent Department – M/S 432-2 850 Lincoln Centre Drive Foster City, California 94404

TEL: 650-554-2164 FAX: 650-638-6677